

Touch panel - TP 3121S/WT-65 - 1029343

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Rugged touch panel with 30.7 cm / 12.1" TFT display (analog-resistive (GFG)), 800 x 600 pixels (SVGA), degree of protection: IP65 (front), extended temperature range, Arm® Cortex® A8, 1000 MHz, Windows®/ Embedded Compact 7 and Visu+ application software.


Similar figure

Your advantages

- Display can be read in sunlight
- Can be operated when wearing work gloves
- Resistant to UV and IR radiation
- Resistant to environmental influences, such as salt spray, termites, and chemicals
- Weatherproof



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 530659
GTIN	4055626530659
Weight per Piece (excluding packing)	3,460.000 g
Custom tariff number	84714100
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Outer dimensions: width, height, depth	340 mm x 270 mm x 5 mm (Dimensions of the front plate)
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Technical data

Dimensions

Installation dimensions: width, height, depth	315 mm x 244 mm x 54 mm (Mounting cutout, depth with bus if bus system present in the device)
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Display

Display type	30.7 cm/12.1" TFT
Screen resolution	800 x 600 Pixel(s) (SVGA)
Touch technology	Analog resistive (GFG)
Readability in sunlight	yes
Brightness	360 cd/m ² typical (adjustable)
Backlighting	LED
Display backlight MTBF	50000 h
Colors	16.7 million colors
Reading angle left	80 °
Reading angle right	80 °
Reading angle top	65 °
Reading angle bottom	75 °

Computer data

Processor	Arm® Cortex®-A8, 1000 MHz
Operating system	Windows® Embedded Compact 7
User software	Visu+
RAM	512 MB LPDDR SDRAM
	1 MB SRAM
Mass storage	NAND-Flash, 1 GB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x USB 2.0
Bus system	without
Slots	1x SD
Realtime clock	Yes
Service life of battery	5 years (typical)

General

Extras	Integrated acoustic signal (buzzer)
Material front plate	Aluminum (natural anodized)
Housing material	Steel sheet, zinc-plated
Mounting type	Front installation
Weight	2600 g

Ambient conditions

Degree of protection	IP65 (front), IP20 (back)
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Technical data

Ambient conditions

Ambient temperature (operation)	-30 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Permissible humidity (operation)	5 % ... 95 % (Front)
	20 % ... 85 % (On the rear)
Vibration (operation)	1g, according to EN 60068-2-6
Shock	15g, according to IEC 60068-2-27

Device supply

Typical current consumption	0.5 A
Power supply unit	24 V DC ±20 %

Standards and Regulations

Shock	15g, according to IEC 60068-2-27
Vibration (operation)	1g, according to EN 60068-2-6

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 15;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27330201
eCl@ss 11.0	27330201
eCl@ss 4.0	27330200
eCl@ss 4.1	27330200
eCl@ss 5.0	27330200
eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 9.0	27330201

ETIM

ETIM 4.0	EC001412
ETIM 6.0	EC001412
ETIM 7.0	EC001412

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Approvals

Approvals


Approvals


UL Listed / cUL Listed / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 205795
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cULus Listed			
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